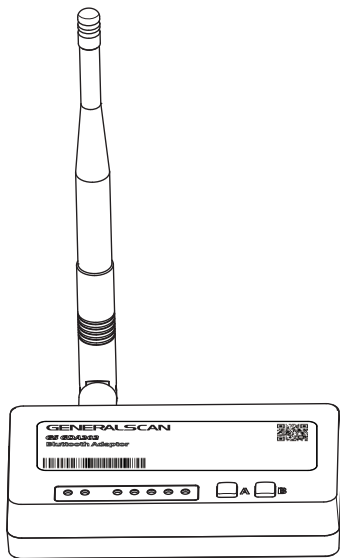# GENERALSCAN

GS GDA202

5IN1 Bluetooth Adaptor

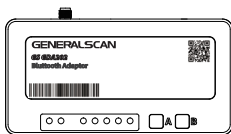QUICK START GUIDE

EN

■ GENERALSCAN QUICK START GUIDE

This guide introduces the basic using method and the basic parameters of the Bluetooth Adaptor GS GDA202, you can adjust the settings of your device according to your wishes and get it work easily. If any further questions, please contact us via email **support@generalscan.cloud**.

■ COPYRIGHT

■ UNPACKING
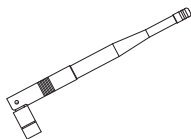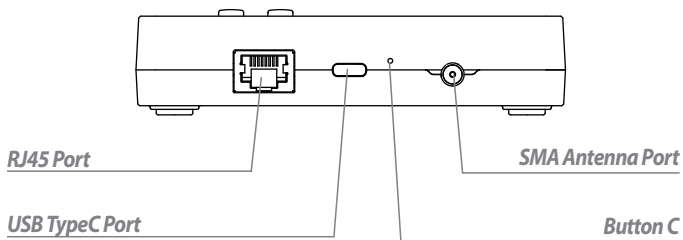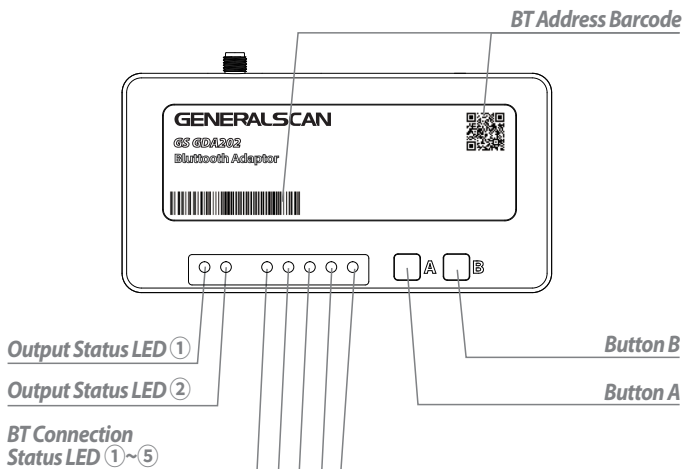

① GS GDA202 x 1   ② Quick Start Guide x1   ③ Antenna x1
④ Cable for GDA202-RJ45/USB x1   ⑤ Cable for GDA202-RJ45/RS232 x1

■ FEATURES

BT Address Barcode

GENERALSCAN

GS GDA202
Bluetooth Adaptor

A   B

Output Status LED ①

Output Status LED ②

BT Connection
Status LED ①~⑤

Button B

Button A

RJ45 Port

USB TypeC Port

SMA Antenna Port

Button C

LED & BUTTON FUNCTION

LED and Button	Function and Description
Output Status LED ①: Green	GDA202-RJ45/USB: The light is on, in USB HID mode GDA202-RJ45/RS232: Light defaulted status is on
Output Status LED ②: Green	GDA202-RJ45/USB: The light is on, in USB VCP mode GDA202-RJ45/RS232: Light defaulted status is on
BT Connection Status LED ①~⑤: Blue	When the scanner is connected, the light is always on and turns off when there is no connection. The number of blue LEDs that is on indicates the number of scanner connections.
Button A: Output Mode Switch	GDA202-RJ45/USB: Press for 2s, switch USB HID to USB VCP mode GDA202-RJ45/RS232: No function
Button B: Disconnect all Connections	Press for 2s, the buzzer will sound a beep, release your hand, adaptor will disconnect all connections
Button C: Reset Button	Press for 5s, factory settings restored Double quick clicks, local Bluetooth address outputted

CONNECTS WITH SCANNER VIA BLUETOOTH

The scanner scans the Bluetooth address barcode on the top of the adaptor and waits for about 10 seconds. The blue light of the scanner changes from flashing to off, while the adapter's blue light changes from slow flashing to constant on, and emits two beeps, Bluetooth connection is successful. The number of blue LEDs that is on indicates the number of scanner connections.

Note1: Complete the pairing process within 2 meters.

Note2: Connect scanners in sequence.

RECONNECTS SCANNER VIA BLUETOOTH

Once the scanner disconnect with adaptor, use the scanner to rescan the bluetooth address of the adaptor to reconnect.

DISCONNECTS FROM SCANNER VIA BLUETOOTH

If the scanner and the adaptor exceed the communication distance, or if either of them loses power, the Bluetooth connection will be disconnected. At this time,the scanner's blue light will flash slowly, while the adap ter's blue light will flash slowly and emit three beeps to indicate that the connection is disconnected. Press [Button B] for 2 seconds, release after hearing the buzzer beep to disconnect all current connections of the adaptor.

Note: The data scanned by the scanner cannot be uploaded or retained after the connection is disconnected.

OUTPUT MODE SWITCH

Press [BUTTON A] for 2s and the buzzer will beep once. Release your hand and wait until the buzzer beeps three times. This means USB recognition and mode switching are successful, and the indicator light [Output Status LED ①] stays on when in USB HID mode, indicator light [Output Status LED ②] stays on when in USB VCP mode.

Note: GDA201-RJ45/RS232 does not have this function.

CLEAR PARING RECORDS

Adaptor doesn't have the function about recording pairing, no need to clear pairing record.

RESTORE FACTORY SETTINGS

Use a paperclip or other slender object to press and hold [Button C] for 5 seconds. When you hear a beep from the buzzer, release, the factory settings is restored.

READ ADAPTOR BLUETOOTH ADDRESS

GDA201-RJ45/USB HID mode :

Open a serial software and quickly double-click the [BUTTON C] with a paperclip or other slender object, the adaptor Bluetooth address will be outputted at the cursor.

GDA201-RJ45/USB VCP mode , GDA201-RJ45/RS232 :

Open a serial software and quickly double-click the [BUTTON C] with a paperclip or other slender object, the adaptor Bluetooth address on the serial software interface will be outputted at the cursor.
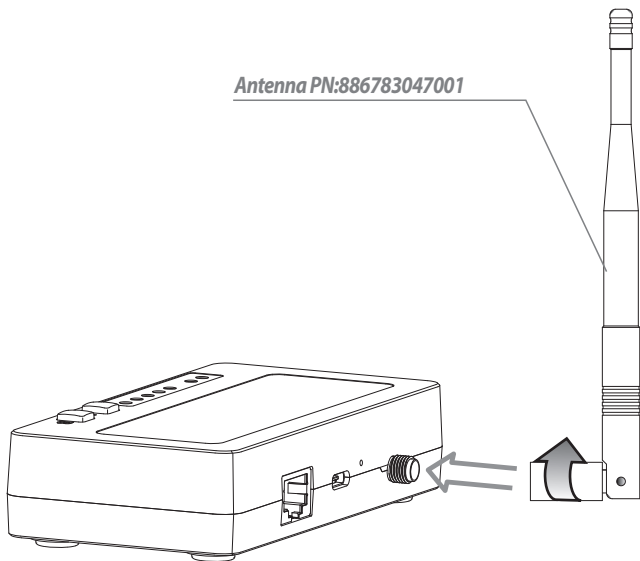
Note: If it is necessary to create an address barcode based on the read bluetooth address, the bluetooth address must be in uppercase letters.

POWER ON AND POWER OFF

Automatically power on when connected to the power supply, automatically power off when disconnected from the power supply.
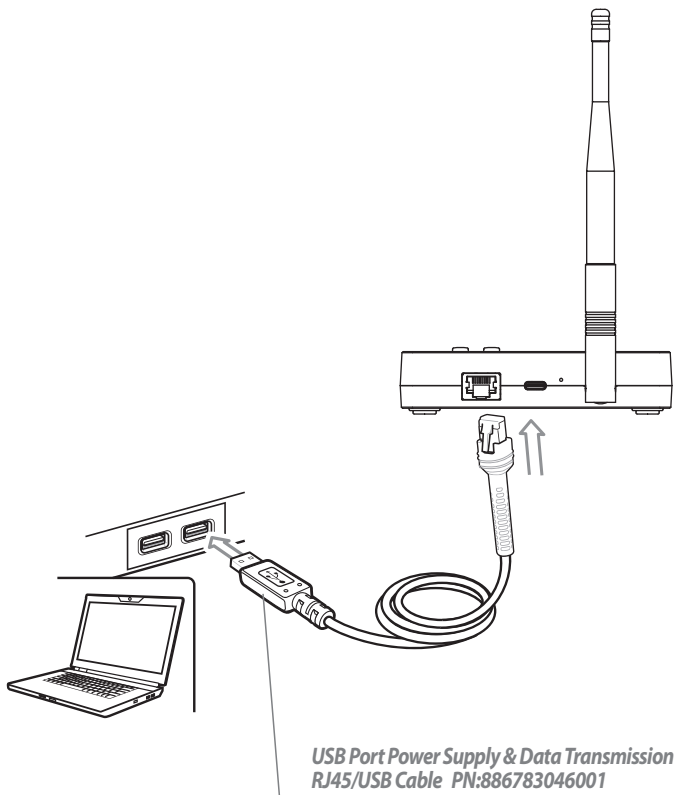
ANTENNA INSTALLATION

Screw the outer antenna into the SMA Antenna Port.

Antenna PN:886783047001

GDA202-RJ45/USB refer to the picture as below

USB Port Power Supply & Data Transmission
RJ45/USB Cable   PN:886783046001

DATA OUTPUT MODE

1. USB HID mode（Default）

Step1. Connect RJ45/USB Cable.

Step2. Switch adaptor to USB HID mode.

Step3. Bluetooth connection with scanner.

Step4. Open a notebook application. When you scan a barcode, the data will appear at the cursor.

2. USB VCP Mode

Step1. Connect RJ45/USB Cable.

Step2. Switch adaptor to USB VCP mode.

Step3. Bluetooth connection with scanner.

Step4. Open a serial port application, when you scan a barcode, the data will be output in the serial port application.

PARAMETERS

| Baudrate 115200 | Data Bits 8 | Flow Control N | Stop Bits 1 |

GDA202-RJ45/RS232 refer to the picture as below

Data Transmission
RJ45 / RS232 Cable   PN:886783049001

Cable connected to USB port or DC5V power supply
DC/USB Cable   PN:886783050001

OR

■ DATA OUTPUT MODE

RS232 Mode

Step1. Connect RJ45 / RS232 Cable with DC/USB Cable.

Step2. Connect scanner via Bluetooth.
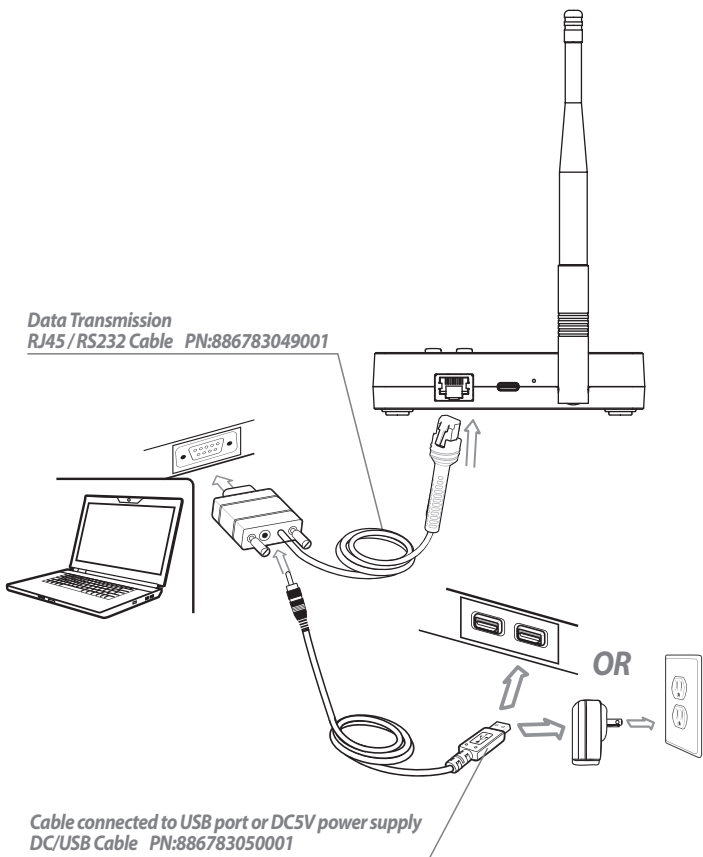
Step3. Open a serial port application, when you scan a barcode, the data will be output in the serial port application.

PARAMETERS

Baudrate 115200	Data Bits 8	Flow Control N	Stop Bits 1

■ BASIC SETTINGS

After the adaptor is successfully connected to the scanner, it can be configured by scan following barcode.

Read Bluetooth Address

Read Firmware Version

Read Adaptor ID

Turn on Beep Sound

Turn off Beep Sound

BASIC SETTINGS

Default HID speed

Low Speed HID Mode

Restore Factory Settings

Note: Download document from **www.generalscan.cloud**

▧ Q & A

Problem	Possible Causes	Possible Solution
GDA202-RJ45/ USB out put LED doesn't light up	COMM cable abnormality	Replace cable
	No virtual serial port driver in VCP mode	Install virtual serial port driver
BT connection failed	Damaged address barcode, scanning failed	Read the adaptor BT address and retry the connection steps
	Adaptor has already connected or paired with other 5 devices	Disconnect unused connections from the scanner and try connection in steps
	Pairing distance exceeds 2 meters	Finish pairing in 2 meters
	Connection timed out	Try reconnection in steps again
COMM unstable, Wrong data transmission	Outer antenna is loose	Tighten it
	Output mode is wrong	Check whether the output mode is consistent with the required
	Obstacles blocking the signal	Shorten the distance between scanner & adaptor, move obstructions away
	Communication distance exceeding 50 meters without obstruction	Ensure communication within 50m without obstructions
Terminal output text garbled	Non English keyboard layout	Switch keyboard to English status
	Keyboard transmission speed is too fast	Switch the adaptor to low-speed HID mode
GDA202-RJ45/ RS232unable to start	No power	Connect the USB port by a DC/USB cable or DC5V adaptor for power supply
GDA202-RJ45/ RS232 no data output	Wrong data setting at serial port	Reset data, try connection in steps
Multiple scanners failed to connect to the adaptor at the same time	Cannot connect to multiple devices at the same time	Wait until the connection to the previous scanner is completed before connecting to the next scanner
Others	-	Restart or restore adaptor to factory settings, restart scanner

Service Information

If you have any question of your GENERALSCAN product, please visit our service page for assistance.

www.generalscan.cloud/services

QUICK START GUIDE

Email: Support@generalscan.cloud

886783052023